



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

REPORT OF THE BOTANICAL SECTION.

The Vice-Director has much pleasure in reporting the continued progress of the Section during the past year.

The officers-elect for 1882 are :

<i>Director</i> , . . .	Dr. W. S. W. Ruschenberger.
<i>Vice-Director</i> , . . .	Thomas Meehan.
<i>Recorder</i> , . . .	F. Lamson Scribner.
<i>Corresponding Secretary</i> and <i>Treasurer</i> , . . .	Isaac C. Martindale.
<i>Conservator</i> , . . .	John H. Redfield.

Meetings have been held every second Monday in the month, except in July and August, with a slightly increased attendance over the previous year. Many valuable verbal and written communications have been made to the meetings; some of the more important have been afterwards published in the Proceedings of the Academy.

All the valuable work done by the Section this year has been without drawing, except to a trifling extent, on the funds of the Academy.

The membership has increased slightly, and the Treasurer reports a balance on hand of \$34.92.

It is but right that the Academy should bear in mind that its Botanical collection is one of the finest in the United States. Numbers of excellent botanists stand ready to supply deficiencies, if they can only be furnished with lists of what are needed. A very little financial aid, to supply what the voluntary labor of the zealous members of the Section would be overtaken to do, would place it in a condition to do great honor to the Academy. Though in the continued absence of this financial aid, the progress is much slower than is desirable, the marked advance, as evidenced by the Conservator's report, is so very gratifying that the Section has adopted it as part of its report to the Academy.

Respectfully submitted.

THOMAS MEEHAN,
Vice-Director.

The Conservator reports a constant and encouraging growth of the botanical collections of the Academy during the past year. The usual detailed list of the accessions is appended. Among the

most important of these, we may refer to the large and nearly complete series of sections of North American woods, collected under the direction of Prof. Chas. S. Sargent, Commissioner of the Forestry Department of the U. S. Census of 1880, and by him presented to the Academy. Mr. Canby has contributed during the year 527 species of plants, mostly European, but with many rare species from South Africa and Australia. To Mr. Martindale we are indebted for the 5th, 6th and 7th Centuries of Ellis' N. American Fungi, containing a series of carefully determined specimens illustrating that most difficult department of Cryptogams. From the Cambridge Herbarium we have received a small but interesting collection of plants from Afghanistan, collected by Dr. J. E. T. Aitcheson during the advance of the British army into that country in 1879.

The Conservator has continued to direct his main attention to the work of bringing into more orderly arrangement the somewhat chaotic mass of material in the Herbarium, believing that in this way he can best facilitate the labors of those who may come after him. During the year provisional alphabetical lists of species have been prepared for a considerable portion of the general Herbarium, to which the arrangement of the species in the genus covers has been made to conform. Those who have occasion to consult the Herbarium will appreciate the great saving of time which this arrangement will effect. It would be gratifying if this labor could be accompanied by a thorough study and working over of the material represented, but with the limited time at the Conservator's disposal, this is absolutely impossible, and will be better performed hereafter when the Academy shall be able to secure the constant services of an experienced botanist. Yet this end has not been altogether neglected, and in the mounting of the N. American Herbarium, which work is still continued, careful revision of names has been kept in view, and if error has not been altogether avoided, it has at least been greatly lessened. The mounting of that portion of the collection covered by the issued part of Gray's Synoptical Flora, is now complete, and some little progress has been made in other portions.

During the year Dr. Eckfeldt has carefully examined and catalogued the lichens of the collection, contributing also 100

species which were wanting, and Mr. Scribner has continued his labors upon our grasses, which he is critically studying and mounting.

Mr. Chas. F. Parker, the Academy's Curator-in-charge, has been of the most essential service to the Conservator in carrying out the work of poisoning all new additions, a large proportion of which he has also mounted; and his contributions to the N. American Herbarium have filled many gaps, and added choicer specimens of species already represented.

Respectfully submitted.

JOHN H. REDFIELD,
Conservator.

REPORT OF THE ENTOMOLOGICAL SECTION.

The Entomological Section during the year has been enabled to perform an amount of work that is quite gratifying to its members. In this work it has been generously aided by the American Entomological Society, which has allowed it a fair share of its own limited income. The cabinets have been remodeled, and several new cases added thereto. These have been paid for by the Society.

By the increase in cabinet room thus obtained the Section has found space to add to the collection, 175 species, comprising 300 specimens or more, of which 60 species entirely new to the collection have already been arranged. A complete rearrangement of all the species is now being made by Mr. Howard Parker. The aforementioned new specimens are such as have been added so far as this rearrangement has progressed, viz., from the Cicindellidæ to Anisodactylus of the Carabidæ, inclusive.

During the year the Section held its regular monthly meetings, excepting in August and September, the usual vacation period. At these meetings communications, both written and verbal were made. These have been published in the Proceedings of the Section, of which 28 pages have thus far appeared. In addition to these pages of entomological matter the American Entomological Society has published 212 pages of its Transactions; these make a total of 240 pages of printed matter during the year.